UNITED STATES OPEN FILE REPORT 79-878 LAY SE QUADRANGLE DEPARTMENT OF THE INTERIOR COLORADO-MOFFAT CO. GEOLOGICAL SURVEY 7.5 MINUTE SERIES (TOPOGRAPHIC) 107° 52′30″ 40° 37′30″ 47'30" R. 93 W. EXPLANATION 20 20 22 23 24 19 feet. Isopach interval 1 foot. 30 29 28 27 in feet. 26 25 30 29 32 33 34 35 36 31 32 31 T. 8 N. T. 8 N. T. 7 N. approximately located. by 0.3048. 35' 10 13 17 18 14 18 NOTE: Isopachs are not drawn beyond dotted lines because of insufficient data. 21 20 19 23 24 19 20 32'30" 32'30" Isopach map of the Middle Coal Group, coal bed [9] 29 27 26 28 25 30 29 34 32 33 36 31 32 35 T. 6 N T. 6 N. (HORSE GULCH) 40° 30′ 107° 52′ 30″ 107° 45′ Base from U.S. Geological Survey, 1969 SCALE 1:24 000 Compiled in-1979 3000 7000 FEE1 1 KILOMETER This report has not been edited for conformity with U.S. Geological Survey editorial standards or COLORADO stratigraphic nomenclature.

> COAL RESOURCE OCCURRENCE MAP OF THE LAY SE QUADRANGLE, MOFFAT COUNTY, COLORADO

QUADRANGLE LOCATION

UTM GRID AND 1969 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

BY DAMES & MOORE 1979

PLATE 16 OF 44

ISOPACHS - Showing thickness of coal, in

DRILL HOLE - Showing thickness of coal,

6.2

POINT OF MEASUREMENT - Showing thickness of coal, in feet. Includes all points of measurement other than drill holes.

FU[26] - Fort Union [26]

COAL BED SYMBOLS AND NAMES - Coal beds identified by bracketed numbers are not formally named, but are numbered for identification purposes in this quadrangle

TRACE OF COAL BED OUTCROP - Showing symbol of name of coal bed as listed above. Arrow points toward coal-bearing area. Dashed where inferred.

TRACE OF FAULT - Bar and ball on downthrown side. Dashed where inferred or

To convert feet to meters, multiply feet

PLATE 16

ISOPACH MAPS OF THE MIDDLE COAL GROUP, COAL BED [9], AND THE FORT UNION [26] COAL BED